

February 02, 2004

**Project 184 Weekly Update**  
**Website: [www.project184.org](http://www.project184.org)**

Summary of Environmental Planning and Compliance Activities  
For Project 184  
*Week Ending February 08, 2004*

Lake Aloha Dam Maintenance and Telemetry Station Project

EN2 Resources continued work on the Administrative Draft Initial Study and Proposed Mitigated Negative Declaration (IS/MND) to satisfy the District's CEQA requirements for the Project. The Administrative Draft IS/MND will be transmitted to the District the week of February 2 for a two-week review in advance of a mid-February to mid-March 30-day public and agency review period. Sections completed to date include the updated Project Description, Initial Study Checklist, and Biological Evaluation. Sections to be completed prior to transmittal include the Mandatory Findings of Significance and Mitigation Monitoring and Reporting Program.

Camp 2 Roads and Deer Fencing Restoration

EN2 Resources met with Camp 5 staff on January 28, 2004 to discuss the issues and approach for consulting with the USFS on District plans for maintenance and seasonal use of the Camp 2 Short-Cut Road, and slide.

Mill to Bull Tunnel

Russ Kanz provided a letter to the District dated January 15, 2004 inquiring about the status of the remaining work on the tunnel and Mill to Bull canal bench restoration. EN2 Resources assisted the District with preparing a response that explains the remaining work, reasons for the incomplete work, and the District's plans to consult with the resource agencies and then complete the work in 2004.

EN2 Resources assisted the District with review of the SWRCB's proposed new permit requirements for use of various herbicides, including glyphosate that is used by the District at Project 184 facilities.

Project 184 Relicensing Support

EN2 Resources provided input to R. Floch and also participated in a January 30 meeting with District staff regarding the scheduling and coordination of the multiple Relicensing tasks as provided in the Relicensing Settlement Agreement with the ongoing Project 184 operations and maintenance activities.

### **Ecological Resources Committee meeting planned for February 17, 2004 Meeting**

EID has tentatively scheduled February 17<sup>th</sup>, for our next meeting, pending confirmation by ERC members. The proposed agenda was prepared and distributed to ERC members for comment on January 22, 2004.

### **Akin Powerhouse Water Quality Monitoring**

The final water quality monitoring events were performed on December 17 and 19 upstream and downstream of the Akin Powerhouse. The monitoring began in mid-October and was performed an average of once per week to assess potential changes in water quality during a wide range of start-up and testing procedures for the powerhouse. Results indicate that Akin Powerhouse operations had negligible effects on South Fork American River water quality conditions during the monitoring periods.

SWPPP measures are in place and inspections are being performed as required.

### **Powerhouse Update:**

EID is operating the powerhouse units 1 and or 2 depending on water supply. Currently we are operating at least one unit 24 hours a day, while we perform further testing. Erosion control measures have been completed along the powerhouse access road. An emergency Knox box has been installed on the powerhouse gate to allow emergency vehicles access to the powerhouse.

### **Canal**

The flows in the canal are being regulated by A-12 requirements for minimum fish flows. Current flows in canal are ranging between 35-45cfs. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal. Further automation of the diversion Structure is planned to control A-12 (Fish Release's) and A-11 (canal flows).

EID was unable to inspect the Alder and Plum creek siphon during the outage due to possible ice with in the siphons.

EID is continually working on its automation to control the diversion structure at the intake to regulate the float controller to allow EID to satisfy the A-12 minimum flow requirements, and place balance of water in canal at A-11. This will allow EID to operate with much tighter flows, maximizing generation production. Mead & Hunt continues to provide engineering support on the remaining tasks to be completed at intake.

The residence houses located on the canal have been filled by Camp #5 Hydro employees who will insure the reliable and safe operation of the canal.

The Drill rig has completed all works on Slide located between Flumes 6&7. Horizontal drains have been installed to relieve the water pressure against the canal section. EID has also installed a well point to allow monitoring of the water table in this area. Drains have been installed to transport the drain water from the slide area down the hill 260ft. EID is scheduled to have this area matted and SWPPP measures installed for winter by January 15, 2004.

It was determined by Carlton Engineering that additional vertical drilling would need to be done on the Canal Bench to measure water levels with in the berm. This will be accomplished using a small hand held unit. The District proposes to accomplish the drilling in the next 30 days. Depending on weather the District plans on finishing the Vertical drilling on Feb.10, 2004.

EID is in the preliminary stages of beginning work on the Hazel Creek Tunnel. Access road and site clearing is scheduled to begin February 9, 2004, with burning of brush scheduled to be completed by March 31, 2004. This project is expected to be in progress between February 9 though October 31, 2004 at which time EID expects to be completed.

EID has received all its project signs and will be installing these new EID signs throughout our Project 184. The lakes will receive new signage this spring when the snow melts.

#### **Tributary flows:**

Esmeralda and Ogilby are not being utilized in canal, as of this report; however if bypass flows are above minimums EID will utilize the water as needed.

#### **Echo Lake**

The flashboards have been removed from the spillway and the facilities have been winterized.

#### **Caples Lake**

The flashboards have been removed from the spillway and the facilities have been winterized.

#### **Silver Lake**

The radial gates are in the full open position and will remain this way From November 1 to April 1 inclusive. Facilities have been winterized.

#### **Lake Aloha**

Lake Aloha is shut down for the winter, which is the normal operating pattern.

A visit was made October 29, 2003 to Lake Aloha.

Staff 5.64 = 29.5 AF

A trip was made to Pyramid Creek (A-40) on January 29, Staff Reading 1.72=12.9cfs.

A trip was made to Echo Lake the week of January 19<sup>th</sup> but readings could not be taken due to the amount of snow on the staff. Everything appears to be normal.

**Listed below are the Projects readings for February 2, 2004**  
**Taken from SCADA:**

	<b>Staff</b>	<b>Ac. Ft.</b>	<b>Draft</b>
Echo Lake	0	0	0
Echo Conduit	0	0	0
Echo Creek	0		0
Caples Lake	40.99	10,810	9 cfs
Silver Lake	3.43	914	12.4 cfs
Pyramid Creek	0	0	0

There is 40.0 cfs @ A-11cfs being released into the canal at Intake and 59.7 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3793.40 = 226 AF  
A-18 EID Irrigation Usage is .42 = 5.05 cfs.

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